

CCWG PRIORITIZED ADAPTATION MEASURES (Draft II)

Energy

~~#8) Update emergency plans to account for potentially more blackouts and identify emergency centers as priorities for onsite renewable energy sources~~

#13) Require or provide incentives for new residential development with air-conditioning systems to install ENERGY STAR cool roof technology

~~#16 & #19) Municipal Urban Heat Island Mitigation – Give preference to canopy forming trees and incorporate cool paving technologies into maintenance of existing municipal streets and properties~~

~~#17) Ordinance to require new parking lots to incorporate shade trees and permeable, reflective pavements~~

REVISED #16 & #17) Develop an ordinance incorporating permeable, reflective paving (or “Cool Paving”) into all municipal paving projects (parking lots & streets) and new private parking lot projects

REVISED #19) Develop an ordinance incorporating shade trees into all municipal paving projects (parking lots & streets) and new private parking lot projects

#18) Develop incentives or financing mechanisms to expand urban forests on public & private properties

COMMENTS

- #8 moved and merged into Public Health ERP
- Split out cool roofs, cool paving, & shade trees into separate initiatives
- Residential cool roofs and paving cost estimates

Water

#18) Facilitate & educate residents and businesses about appropriate uses and benefits of graywater systems and new standards

#21) Require new buildings/developments to plan for graywater systems*

*Depends on how implemented; need to review options and costs before deciding

#31, #32, & #39) Monitor and seek out more actionable science, partly through the County's Multi-Jurisdiction Hazard Mitigation Plan process, on possible increase in flood (and other hazard) risk due to changes in rainfall intensity, duration, and frequency due to climate change. Then improve information to property owners outside 100-yr floodplain about inundation risk, so they can decide to purchase flood insurance even if not required

#38) Improve methods to use and enhance natural landscape and drainage features for runoff control

#33) Incorporate increased flood risk into General Plan Safety Element*

*Would be a result of #31, #32 & #39

COMMENTS

- Expedited processing for graywater (new or retrofit)

- Add alternative water sources (recycled water and desal) to #18 & #21 ... educate, no require
- Clarify water offset policy?
- Separate graywater & recycled water b/c of different implementation issues
- Different water districts, different issues
- Water Districts will return with options
- Water budget

Ecosystems

~~#2) Seek opportunities to partner with the Wildlife Agencies and/or adjacent public land managers to monitor, manage, and restore local habitats and species dispersion, in order to assess impacts associated with climate change on the City's biodiversity and ecosystems~~

~~#3) As funding becomes available, implement active habitat restoration and enhancement in MSCP areas to reduce impact of climate change stressors and improve overall resiliency of local habitats~~

REVISED #2 & #3) In order to assess and reduce impacts associated with climate change on the City's biodiversity and ecosystems, seek opportunities to partner with the Wildlife Agencies, non-profit organizations, and/or adjacent public land managers to monitor local habitats and species dispersion and to manage/restore ecosystems (as funding becomes available) to ensure long-term habitat connectivity and species resilience

#6) Educate the public about the impacts of climate change and what the community is doing to address impacts to canyons, parks, coastal ecosystems in community newsletters, websites, public events, and trailheads

COMMENTS

- Add non-profits to partnership list
- Work with school districts on outdoor learning/climate change curriculum
- Add "as funding becomes available" and "to reduce impact and improve resiliency" to #2
- Overall education measure possibly?
- Add specifics about connectivity (from #1) into #2

Public Health

~~#22) Coordinate with Fire Department and S(Services Learning program & Americorps/CERT training) to educate community members regarding information on possible home improvements to improve resiliency to wildfires*~~

- ~~may add wildfire into the existing Chula Vista programs (ie. Naturescape, Home Upgrade Carbon Downgrade or Cal First/PAGE)~~

REVISED #22) Coordinate with the Fire Department, Southwestern College (Services Learning program & Americorps/CERT training), and City environmental outreach programs to expand public education on making homes more resilient to wildfires*

#5) Include "extreme heat" events as a significant emergency in Chula Vista's Emergency Response Plan (short term) and its portion of the County's Multi-Jurisdiction Hazard Mitigation Plan (long term) , and redefining "extreme heat" events with a special emphasis on serving vulnerable populations, supporting a robust network of "Cooling Centers", incorporating poor air quality day notifications, and integrating renewable energy sources into emergency/cooling centers.

~~#9) Incorporate a public health element into the next General Plan update in order to improve overall health, physical activity, and resilience of residents through community design~~

~~#2) Expand existing "cooling centers" available in Chula Vista during heat events to ensure adequate space is available at all times of the week (including nights), with back-up generators~~

~~#6) Identify vulnerable residents in Chula Vista, and community groups working with vulnerable populations (e.g. hospitals, schools, Meals on Wheels, & labor and employees who work outdoors) and ensure heat /wildfire or other health emergency outreach & education programs notify (including reverse 911) and work with them~~

COMMENTS

- Change #5 to include City's Emergency Response Plan (short term)
- Possibly drop #9
- Combine cooling centers and vulnerable populations under ERP (#5)
- Pollution sources away from population centers – ground level ozone issues
- Add air quality reference to ERP during heat and wildfire events
- Free transit days?
- Add specific outreach programs (FREBE, HUCD, NatureScape, Recycling)
- #22 part of Multi-Jurisdictional Plan

Coastal Infrastructure and Resources

Still under consideration:

#3,7,9,10,13,14-20

+ #5, 14 & 15 from ecosystems

REVISED #1, #3, #9, #10, #13, #14, #15, & #20) Use the outcome of the current San Diego Bay Climate Adaptation Study (being sponsored by the San Diego Foundation and ICLEI) to revise the City of Chula Vista's Grading Ordinance and CEQA Guidelines to incorporate sea level rise into future development and municipal infrastructure projects' design and review

REVISED #5 & #15) When preserving or restoring coastal and riparian wetlands, incorporate adequate upland or transition habitats to accommodate shifts in wetland coverage due to sea level rise and other climate change impacts

REVISED #16 & #18) Work with the Wildlife Agencies to develop alternative habitat protection methods such as "Mitigation Banks" or "Voluntary Development Rights Purchases" for preserving coastal and riparian wetlands